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DVD Video Player - 2 Fina DVD Modules The SD1600 Includes: Video: ColorStream™ Component Video Output, 10-bit 27MHz Video DAC, 540 Lines Horizontal Resolution, PLUS: Audio: Dolby® Digital and DTS® Compatible Digital Output, Speakers: 2-2" Virtual Surround Sound, Parallel Audio Output.

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130

FIG. 1

PRIOR ART ..

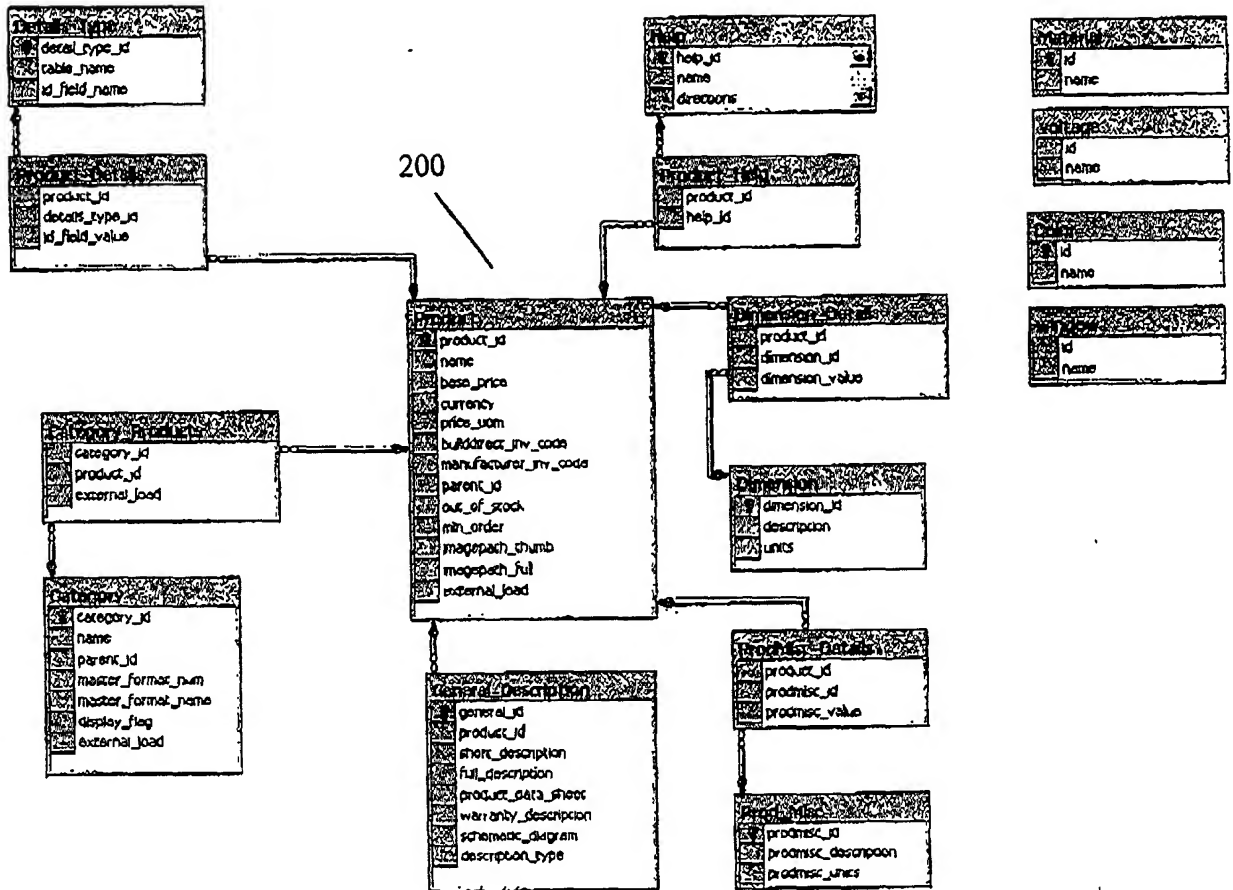


FIG. 2

PRIOR ART

300

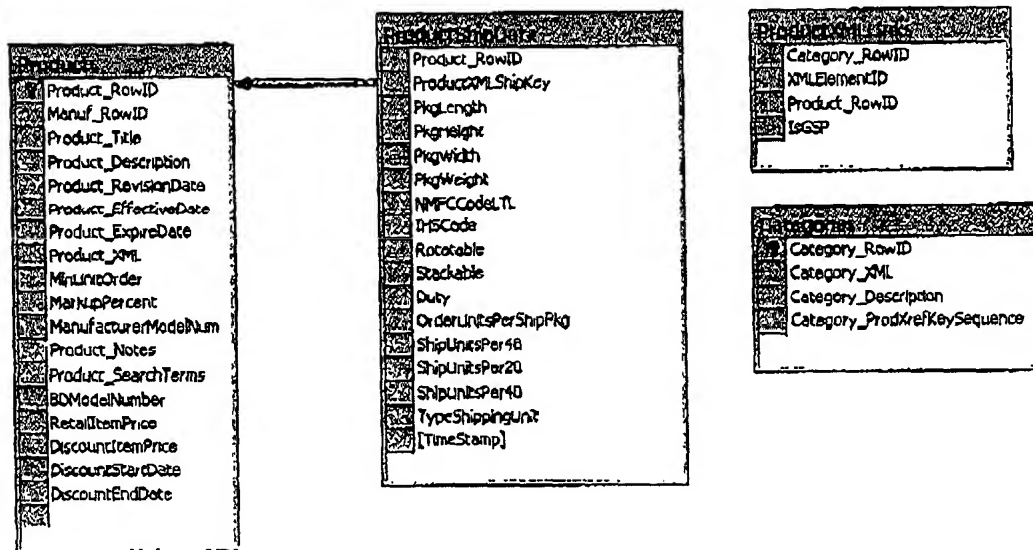




FIG. 3


400


► 1 LITE CASEMENT WINDOWS -  
OPERATING


440 Minimum Order: \$50,000.00


450 WIDTH 18" 


451 HEIGHT 24" 


452 OPENING Left 


453 COLOR White 

454 GLAZING Standard 


455 GRILLES None 

456 EXTENSIONS None 

Unit Price: \$0.00 USD 

Number of Units: 1 

Mfr. 00002  
Manufacturer  
Profile

410 

420

430

FIG. 4

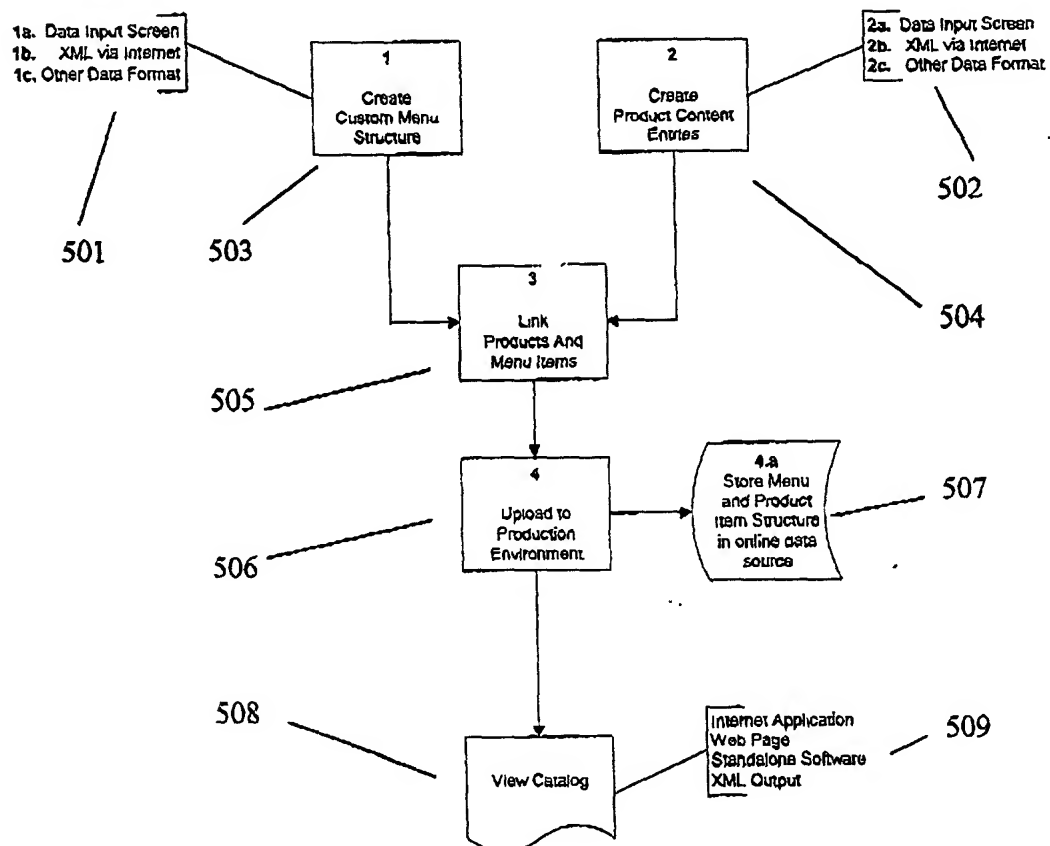
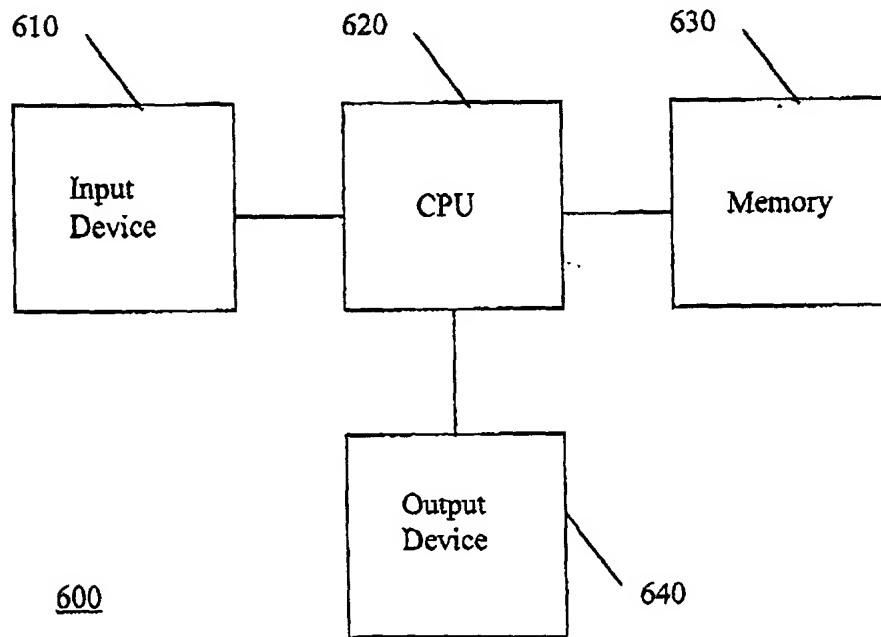
500

FIG. 5

**FIG. 6**

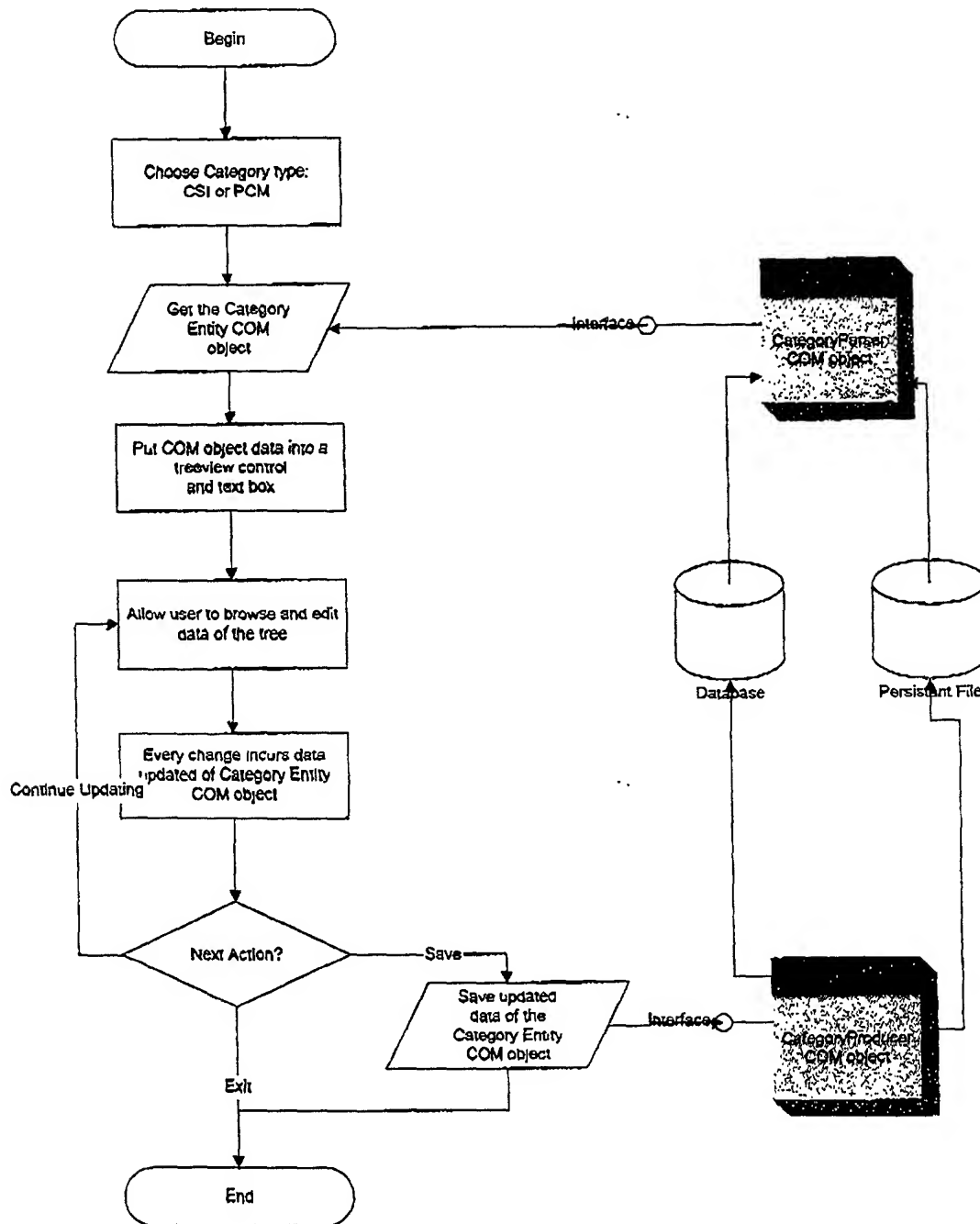


FIG. 7

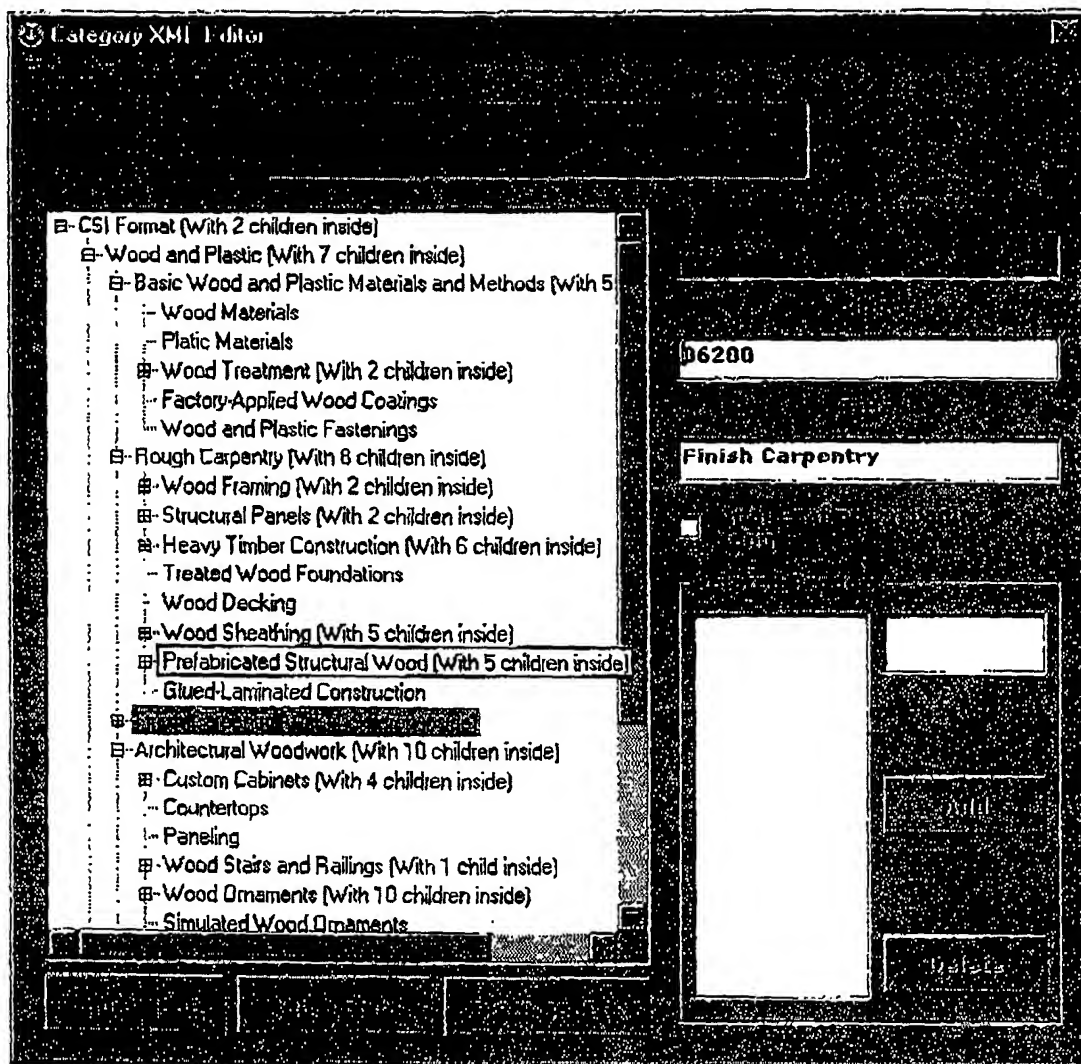


FIG. 8



mnuFile	Menu Item		SubMenu		Y	Item of Menu Bar.
mnuCSI	Menu Item		frmMain		Y	Open CSI Master Format Category for editing.
mnuOwn	Menu Item		frmMain		Y	Open PCM Master Format Category for editing.
mnuSave	Menu Item		frmSaving		N, activate after any updating	Save current Category data.
mnuExit	Menu Item				Y	Exit the program.
mnuHelp	Menu Item		SubMenu		Y	Item of Menu Bar
mnuAbout	Menu Item		frmAbout		Y	Display "About" form to introduce the copyright.
picture1	Picture	Bitmap			Y	Displaying the logo of Buildirect.com.
rvTreeView	TreeView	COM object	Text box		Y	Displaying the tree of the Category XML structure. User could expand; collapse and select item of the tree, when selecting a typical item, the values related to that item would be displayed in the textbox of right side.
lblCurrentFormat	Label				Y	Description.
txtCurrentFormat	Text Box	COM object			N	Name of the current Category.
lblNumber	Label				Y	Description.
txtNumber	Text Box	COM object	COM object		Y	The Number of a typical item.
lblTitle	Label				Y	Description.
txtTitle	Text Box	COM object	COM object		Y	The Title of a typical item.
chkTabInside	Check Box	COM object	COM object		Y	It signs the current item is a final leaf of the Displaying Cascading Menu, which also means its children should be the tabs, when this checkbox is ticked.
frmSeeAlso	Frame				N, controls inside would be activated only when the "chkTabInside" of the current item has been ticked	It includes all controls related to "Related Product".
lstSeeAlso	List Box	chkTabInside	txtSeeAlso		N, same as frmSeeAlso	Listing the number of each "Related Products" of the current item.
txtSeeAlso	Text Box	lstSeeAlso	COM object		N, being active after item of lstSeeAlso is selected	Displaying the number of highlighted related product for editing.
cmdInsert	Command Button	frmSeeAlso			N, same as frmSeeAlso	Add a new related product with default value.
cmdDelete	Command Button	lstSeeAlso	COM object		N, being active after item of lstSeeAlso is selected	Deleting the number of highlighted related product.
cmdInsertNode	Command Button		COM object and rvTreeView		N, being active after a category is selected	Adding a node in the same level of the current item.
cmdInsertChild	Command Button		COM object and rvTreeView		N, being active after a category is selected	Adding a node in the sub level of the current item.
cmdInsertChild	Command Button		COM object and rvTreeView		N, being active after a category is selected	Deleting the current item.

FIG. 9

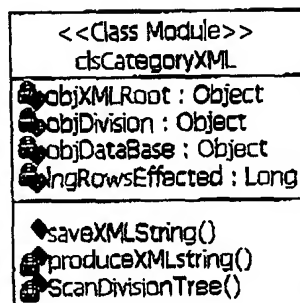


FIG. 10

Method:	Public	objStartDivision, varCategoryID	clsDivision, Variant	Boolean	
clsCategoryXML.saveXMLString					It is the only public entrance of this COM object and it will return with the running status.

FIG. 11

Categories	
Category RowID	
Category_XML	
Category_Description	
Category_ProdXrefKeySequence	

FIG. 12

Categories			Entry table including Categories XML structure
Categories	Category RowID	Integer	Unique Category Row ID
Categories	Category_XML	Text	XML string describing the hierarchy of Category Classification
Categories	Category_Description	VarChar	Description of this kind of classification
Categories	ProdXrefKeySequence	Integer	The maximum node ID of XML tree

FIG. 13

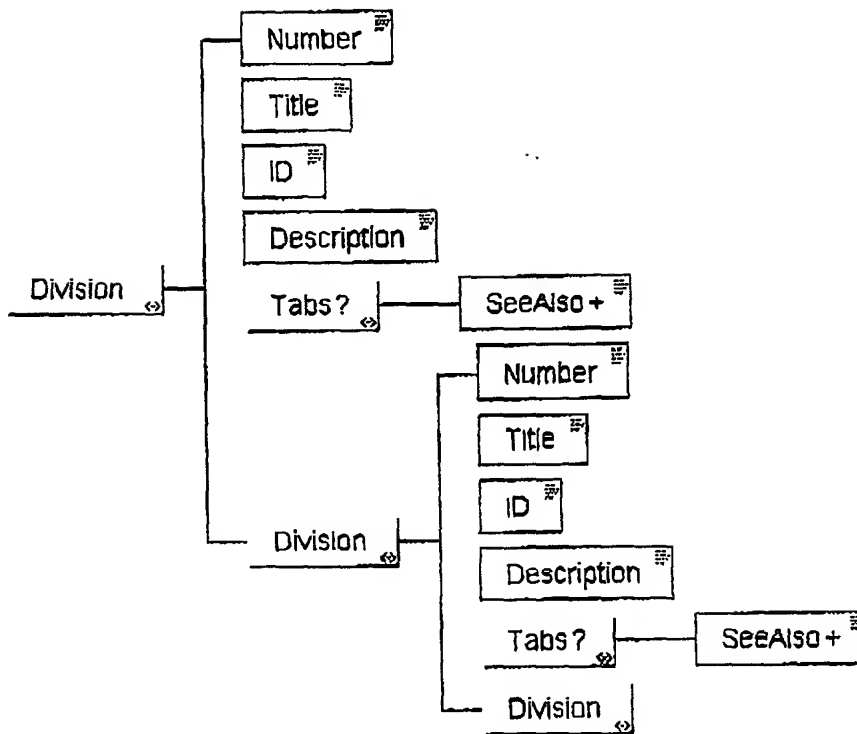


FIG. 14

Tag Name	Description	Data Type	Properties	Use
Division	Division	No data inside	Required, including below tags inside	Indicated that begin to define a new division in this level.
Number	Division Number	Char (5)	Required, not NULL	Concatenated with Title and displayed on UI cascade menu.
Title	Division Title	Char (50)	Required, not NULL	Concatenated with Title and displayed on UI cascade menu.
ID	Division ID	Integer	Required, not NULL	Category Division independent Row ID. Not for displaying. Used to define Division independent from the number or else thing.
Description	Division Description	VChar (256)	Required, not NULL, variable length	Available as UI display option. Suggest small floating frame.
Tabs	Tab Flag	No data inside	Optional, NULL allowed	Indicated the current division is a final leaf of the cascading menu, and the children divisions will be displayed in the tabs.
See Also	Related Division Number	Integer	Optional, not NULL	Indicated the related division number of the current division.

FIG. 15

```

- <Division>
  <Title>Main</Title>
  <Number />
  <ID>1</ID>
  <Description />
- <Division>
  <Title>Doors and Windows</Title>
  <Number>08000</Number>
  <ID>2</ID>
  <Description />
- <Division>
  <Title>Specialty Doors</Title>
  <Number>08300</Number>
  <ID>3</ID>
  <Description>Includes Doors and door assemblies
    for a variety of special functions and
    applications involving a variety of operating
    methods. Hardware, controls, operators, and
    drive mechanisms."</Description>

- <Division>
  <Title>Overhead Doors</Title>
  <Number>08310</Number>
  <ID>4</ID>
  <Description>Sectional Overhead Doors
    Single-Panel Overhead Doors Includes
    Doors that open by moving upward into a
    non-vertical position, guided on a
    track.</Description>
- <Tabs>
  <SeeAlso>09010</SeeAlso>
  <SeeAlso>09030</SeeAlso>
</Tabs>
- <Division>
  <Title>Wooden</Title>
  <Number>08311</Number>
  <ID>5</ID>
  <Description>Description
    here.</Description>
- <Division>
  <Title>Hemlock</Title>
  <Number />
  <ID>6</ID>
  <Description>Description
    here.</Description>
</Division>
</Division>
</Division>
</Division>
</Division>
</Division>

```

FIG. 16

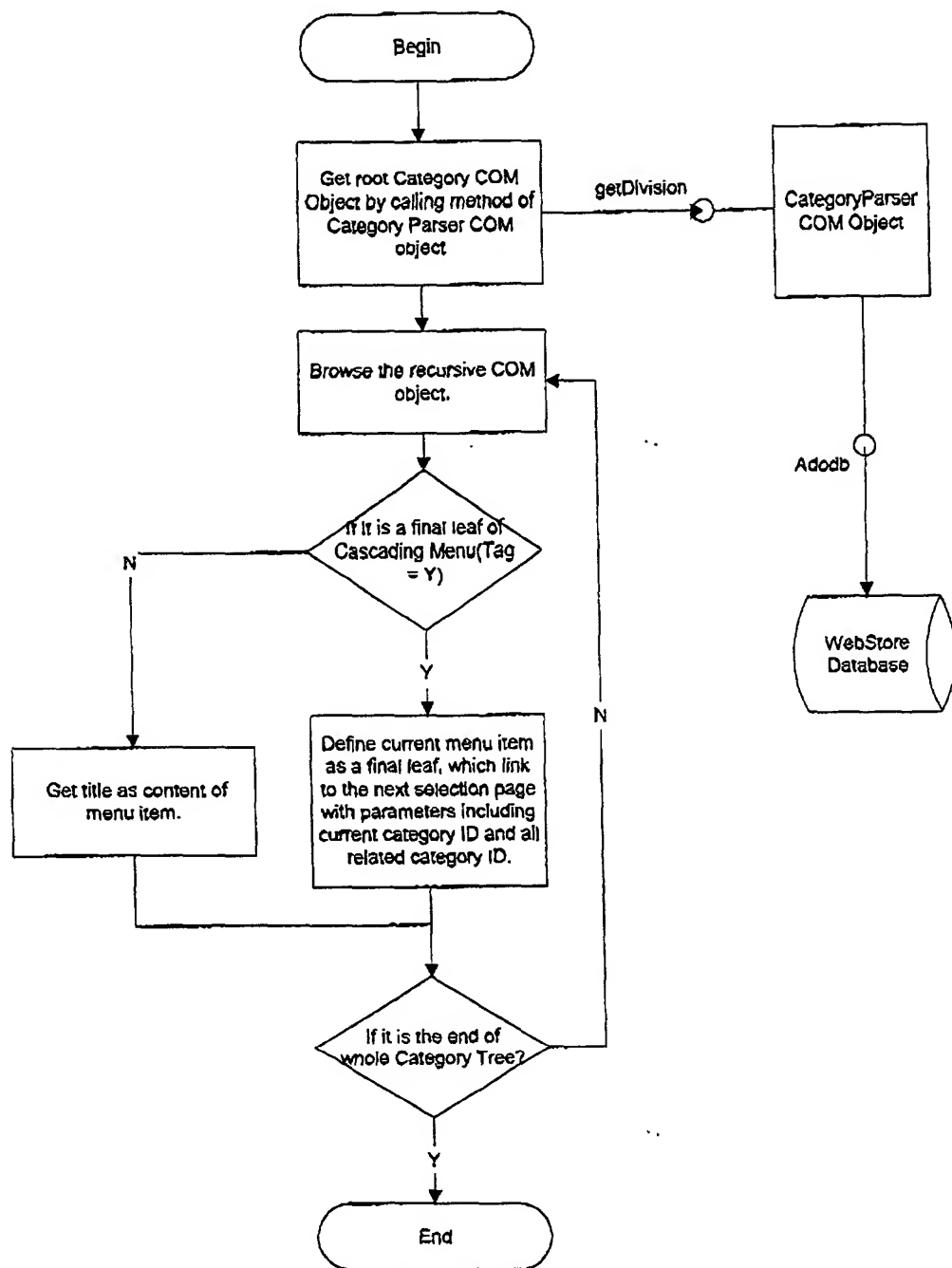


FIG. 17

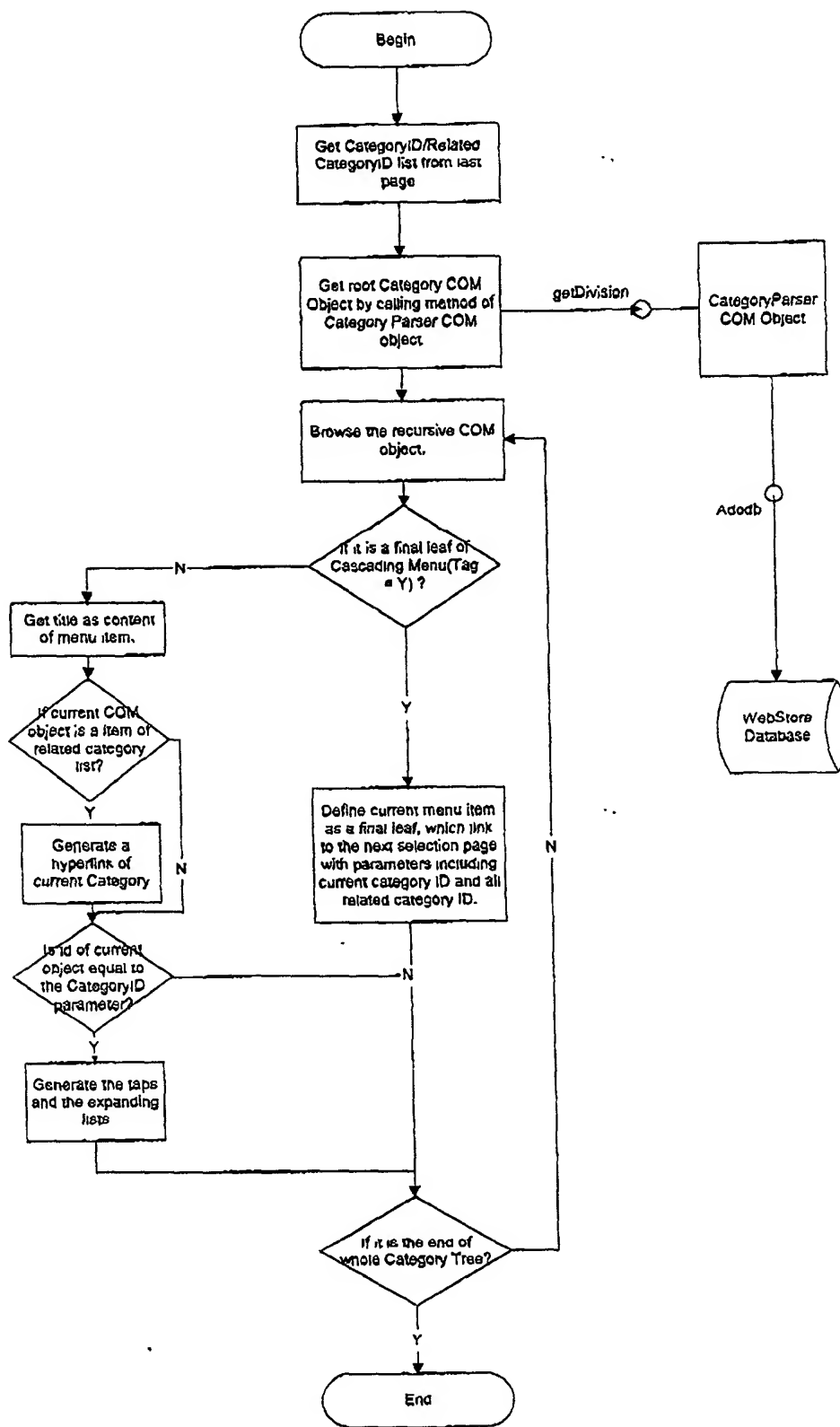


FIG. 18



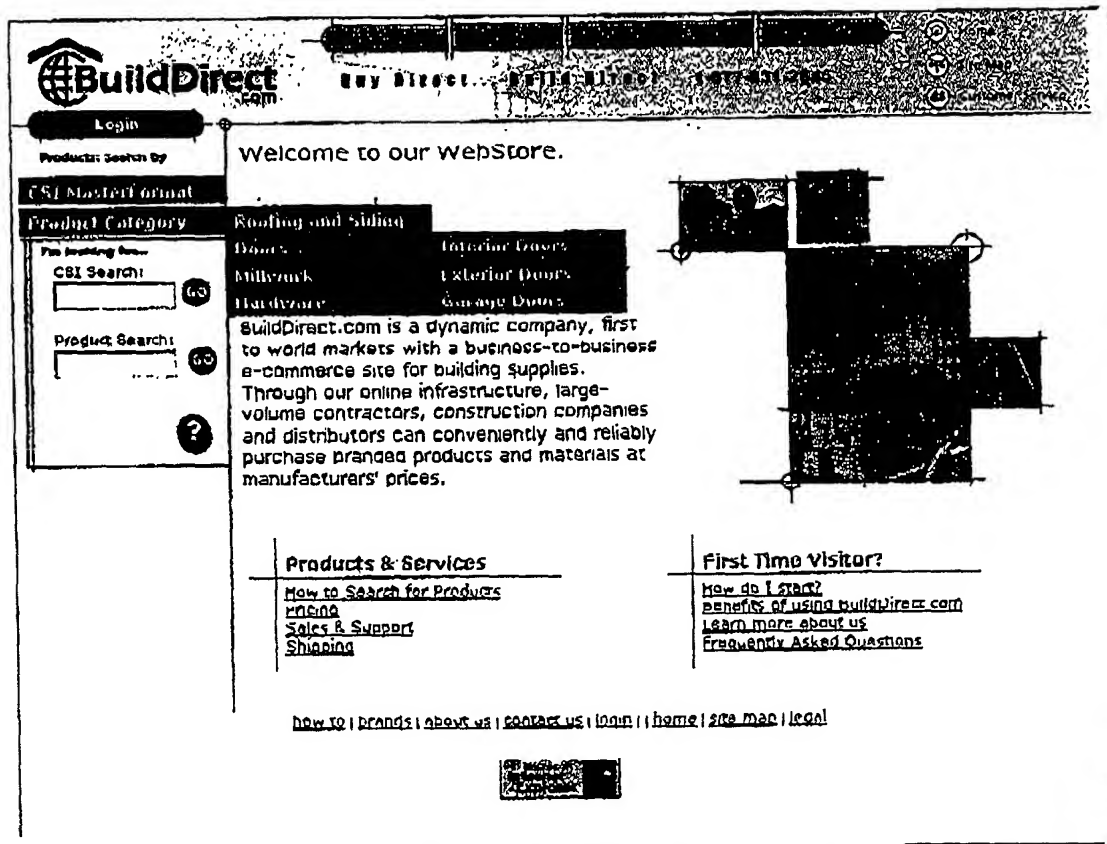


FIG. 19

Cascading Menu Page	HTML Page with Javascript codes inside	COM object/ ASP	User's Browser		Y	Use 2 COM objects: clsXMLCategory and clsDivision to get all items of Cascading Menu from Database. Generate Javascript code by calling a recursive function so it can get any levels of divisions and any number of divisions in a same level. Call Simon's Menu Displaying function to load the menu when initialize the page.
Menu Item (to a submenu)	Javascript code	COM object	Javascript code	N/A	Y	If a division has its own subdivision, generate corresponding suitable Javascript code to let menu system display submenu in need.
Menu Item (to selection page)	Javascript code	COM object	Javascript code	N/A	Y	If a division has an attribute "Tab" inside, generates corresponding suitable Javascript code to invoke selection page in need.

FIG. 20

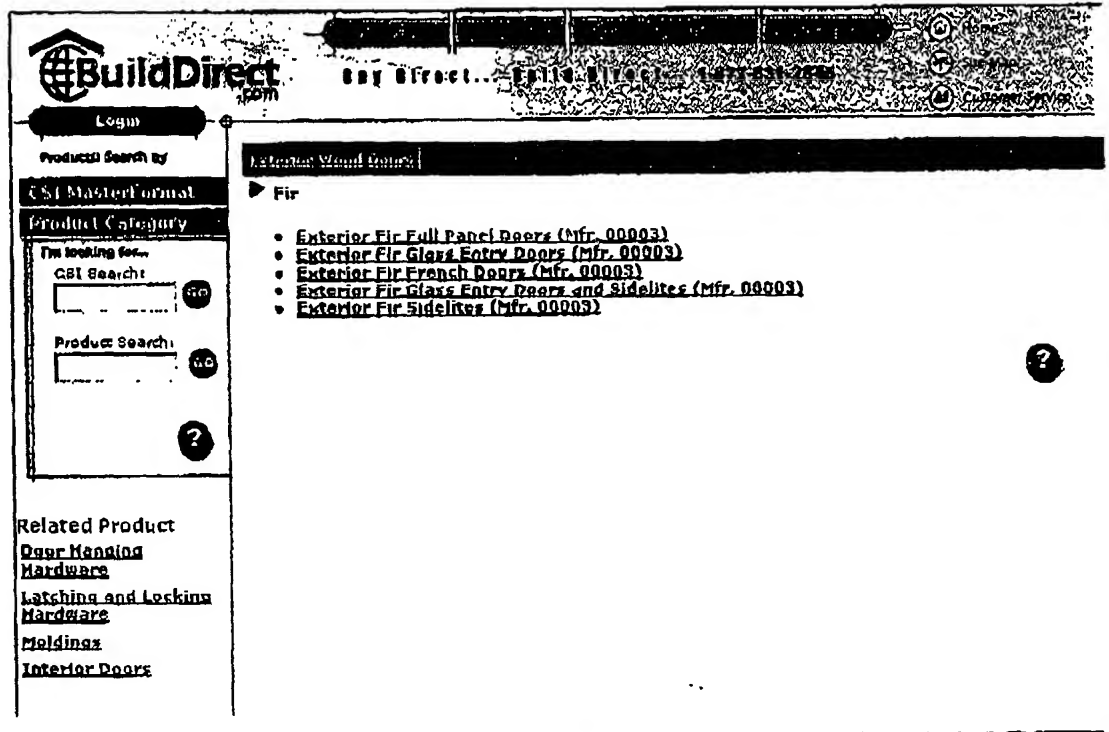


FIG. 21

Cascading Menu Page	HTML Page with Javascript codes inside	COM object/ ASP	User's Browser		Y	Use 2 COM objects: clsXMLCategory and clsDivision to get all items of Cascading Menu from Database. Generate Javascript code by calling a recursive function so it can get any levels of divisions and any number of divisions in a same level. Call Simon's Menu Displaying function to load the menu when initialize the page.
Menu Item (to a submenu)	Javascript code	COM object	Javascript code	N/A	Y	If a division has its own subdivision, generates corresponding suitable Javascript code to let menu system display submenu in need.
Menu Item (to selection page)	Javascript code	COM object	Javascript code	N/A	Y	If a division has an attribute "Tab" inside, generates corresponding suitable Javascript code to invoke selection page in need.
Tab Item	Text/Hyperlink	COM object	User's Browser	N/A	Y	Display all divisions in the next level of current division in the tabs. Every tab will be linked to another selection page by changing parameter of the URL, then it can display different expanding list when choosing different tab.
Expanding Item	Text/Hyperlink	COM object	User's Browser	N/A	Y	Display all sub divisions inside the current Tab division. All items will be expanded all the time. If there is a related product with a final leaf, that leaf will be a hyperlink linked to a PDP.
Manufacturer	Label	COM object	User's Browser	N/A	Y/N	Display the corresponding manufacturer's name if the expanding item is a hyperlink.
Related Product List	Hyperlink	COM object	User's Browser	N/A	Y/N	If there are some related divisions of the current division, put it in the left-bottom side as a hyperlink. If there isn't, leave the left-bottom side as a blank place.

FIG. 22

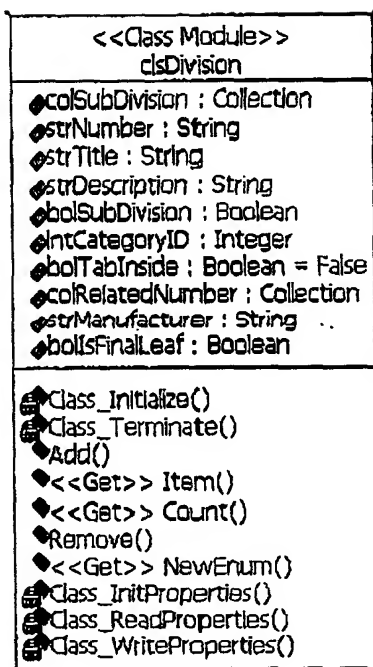


FIG. 23

Property: clsDivision.strNumber	Public	N/A	N/A	String	The official number of this division. i.e. "02100" for division "Site Remediation"
Property: clsDivision.strTitle	Public	N/A	N/A	String	The title of this division. It will also be shown on the cascading menu, tabs and expanding list.
Property: clsDivision.strDescription	Public	N/A	N/A	String	The detailed description of this division.
Property: clsDivision.bolSubDivision	Public	N/A	N/A	Boolean	It indicates if there are any subdivisions under this division.
Property: clsDivision.intCategoryID	Public	N/A	N/A	Integer	It contains unique primary key of this division. It belongs to this division and it is without subject to the official number.
Property: clsDivision.bolTabInside	Public	N/A	N/A	Boolean	It indicates this division is a final leaf of cascading menu and all the sub divisions inside will be put into tabs and expanding list.
Property: clsDivision.colRelatedNumber	Public	N/A	N/A	Collection	It contains a collection of string variables related to strNumber property of another clsDivision object.
Property: clsDivision.bolIsFinalLeaf	Public	N/A	N/A	Boolean	It indicates this division will point to a typical product.
Property: clsDivision.strManufacturer	Public	N/A	N/A	String	The property will be available if only the bolIsFinalLeaf property is true. It contains the name of manufacturer of that typical product.
Method: clsDivision.Add	Public	objDivision	clsDivision	N/A	Add a subdivision into the collection of this division.
Method: clsDivision.Item	Public	Index	Integer	clsDivision	Return the subdivision located at the position of Index in this division.
Method: clsDivision.Remove	Public	Index	Integer	N/A	Remove the subdivision located at the position of index in this division.
Method: clsDivision.Count	Public	N/A	N/A	Integer	Returns the number of collection in this division.
Method: clsDivision.Class_InitProperties	Private	N/A	N/A	N/A	Initialize the properties.
Method: clsDivision.Class_ReadProperties	Private	propbag	PropertyBag	N/A	Read the properties from the persistent property bag object.
Method: clsDivision.Class_WriteProperties	Private	propbag	PropertyBag	N/A	Write the current properties to the persistent property bag object.

FIG. 24

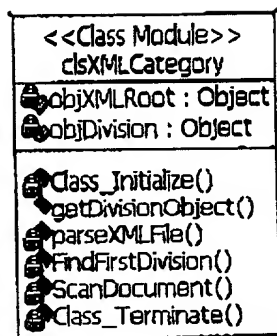


FIG. 25

Private Global Variable: clsXMLCategory.objXMLRoot	Private	N/A	N/A	IXMLDOMELEMENT	It contains the first "Division" element we met in the XML structure, that should be our begin point.
Private Global Variable: clsXMLCategory.objDivision	Private	N/A	N/A	clsDivision	The first clsDivision object we create; it will also be our return value.
Method: clsXMLCategory.getDivisionObject	Public	intCategoryID	Integer	clsDivision	It is the only public entrance of this COM object and it will return with the first clsDivision object.
Private Subroutine: clsXMLCategory.parseXMLFile	Private	strXML	String	N/A	The subroutine parses the XML structure passed by the parameter.
Private Function: clsXMLCategory.findFirstDivision	Private	strXMLItem	IXMLDOMELEMENT	Boolean	It is a recursive function. Gets the correct first "Division" position in the XML structure by calling this function repeatedly.
Private Subroutine: clsXMLCategory.ScanDocument	Private	objXMLCollection, objCurDivision	IXMLDOMELEMENT, clsDivision	N/A	This recursive subroutine browse all the branch of the XML structure and put all the value/attributes to a set of clsDivision object.

FIG. 26



Categories		Manufacturers	
Category_RowID		Manuf_RowID	
Category_XML		Manuf_CompanyName	
Category_Description		Manuf_DisplayName	
Category_ProdXrefKeySe		Manuf_InvPrefixCode	
ProductXMLLinks		Manuf_MinOrderDollars	
XMLElementID		Manuf_ContactFirstName	
Product_RowID		Manuf_ContactLastName	
Products		Manuf_MailAddress1	
Product_RowID		Manuf_MailAddress2	
Manuf_RowID		Manuf_MailAddress3	
Product_Title		Manuf_MailAddress4	
Product_Description		Manuf_MailCity	
Product_RevisionDate		Manuf_MailStateProv	
Product_EffectiveDate		Manuf_MailPostZip	
Product_ExpireDate		Manuf_MailCountry	
Product_XML		Manuf_BillAddress1	
OrderingUnitValue		Manuf_BillAddress2	
OrderingUnits		Manuf_BillAddress3	
MinOrderDollar		Manuf_BillAddress4	
MinOrderValue		Manuf_BillCity	
OrderLeadTime		Manuf_BillStateProv	
OrderLeadTimeUnits		Manuf_BillPostZip	
ManufacturerModelNumber		Manuf_BillCountry	
BDModelNumber		Manuf_CountryCode	
LinkSpecification		Manuf_Phone1AreaCode	
LinkSchematic		Manuf_Phone1Number	
LinkWarranty		Manuf_Phone2AreaCode	
LinkInstallation		Manuf_Phone2Number	
LinkProfile		Manuf_Phone3AreaCode	
LinkGraphics		Manuf_Phone3Number	
LinkSamples		Manuf_FaxAreaCode	
LinkAutoCad		Manuf_FaxNumber	
LinkTechnicalData		Manuf_Email	
LinkReserved2		Manuf_WebURL	
LinkReserved3		Manuf_LOGOLink	
LinkReserved4		Manuf_TagLine	
		Manuf_BDURLLink	

FIG. 27

Categories			Entity table including Categories XML structure
Categories	Category_RowID	Integer	Unique Category Row ID
Categories	Category_XML	Text	XML string describing the hierarchy of Category Classification
Categories	Category_Description	VarChar	Description of this kind of classification
Categories	ProdXrefKeySequence	Integer	The maximum node ID of XML tree
ProductXMLLinks			Relationship table connecting a node of Category XML to a typical product
ProductXMLLinks	XMLElementID	Integer	The key related to node ID of XML tree
ProductXMLLinks	Product_RowID	ID	The key related to product ID of Product table
Products			Product entity table
Products	ProductRowID	ID	Unique product id. Generated on insert
Products	Manuf_RowID	ID	The key related to manufacture ID of Manufacturers table
Manufacturers			Manufacturer entity table
Manufacturers	Manuf_RowID	ID	Unique manufacturer id. Generated on insert
Manufacturers	Manuf_DisplayName	VarChar	Name of manufacturer for displaying

FIG. 28

Category ID	URL as strCategory	
Related Category Number	URL as strRelated	It should include several string separated by comma.
Current Tab Category ID	URL as strCurrentTab	It indicates which tab is being selected.
Member ID	URL as	If it doesn't exist create it.

FIG. 29

Category ID	URL as strCategory	
Related Category Number	URL as strRelated	It should include several string separated by comma.
Current Tab Category ID	URL as strCurrentTab	It indicates which tab is being selected.
Selected Product ID	URL as strProduct	It indicates which product is being selected.
Member ID	URL as	If it doesn't exist create it.

FIG. 30

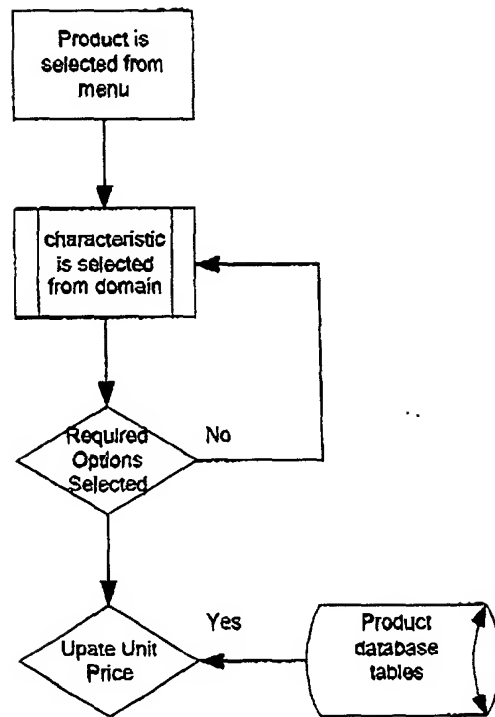


FIG. 31



Product Page	HTML Page	COM and ASP	User's Browser	N/A	Y	Will use COM ProductEntityObject and PricingInfoEntityObject
Manufacture's logo	HTML	COM and ASP	N/A	N/A	Y	Active hyperlink to descriptive page for the branded product. If the product is not branded this will not be an active hyperlink
Minimum \$ Order	Label	COM Object	N/A	N/A	N	As an informational item for the customer. This maybe the dollar about that must be purchased across all products for this manufacture.
Minimum Order in Units	Label	COM Object	N/A	N/A	N	Will show value for selected product category when the page is initialized. This label is composed of a number and a text description of the unit of measure. For example 1000 sq yards for carpet.
Current Estimated Manufacture Lead Time	Label	COM Object	N/A	N/A	N	Descriptions of lead time to complete/deliver the product.
Product Options	Table of labels and dropdown boxes	COM Object	COM Object/Java Script.		Y	Used to determine the unique product being selected for quoting. Java script will disable the Add item to Worksheet button on change.
Unit Price	Label	COM Object	N/A	Will be changed to be "N/A Please Update" after any Product Option selection is made.	N	Must be recalculated every time a product option is changed. Will be followed by a text description of the units. \$99 per 100 sq yards. Only the product options that effect price. This amount will be included in the URL for Worksheet/Quote page.
Number of Units	Text Box	User	COM Object	Must be greater than Minimum Lot Order	Y	Will default to the minimum order units.
Total	Label	COM Object	N/A	N/A	N	Product of unit price times number of units. Does not include shipping. Server trip.
Update Unit Price	Button	COM Object	N/A	N/A	Y	Will enable the Add item to Worksheet button. And pre-build the Java parameter string need for Add item to Worksheet.
Add item to Worksheet	Button	Java script	ASP/COM	Must meet Min Unit Order	Y/N	Process Product Options and move information to Request for Quote. Server trip. A table listing all selected products (shopping cart) is shown in a separate window and updated whenever a user adds a new product to quote.
Worksheet List	Dropdown list	COM Object	ASP/COM	First item will be selected unless an item is flagged as default.	Y	This will
Make New Worksheet	Button	COM Object	Java script		Y	
View Worksheet	Button	COM Object	Java script		Y	
Product Profile Sheet	Hyperlink	COM Object	New HTML	N/A	Y	See Product Profile Sheet

FIG. 33

			page with product Profile Sheet			section
Graphics	Hyperlink	COM Object	New HTML page with product picture	N/A	Y	See Graphics section
Technical Data	Hyperlink	COM Object	New HTML page with technical data	N/A	Y	See Technical Data section
Schematic	Hyperlink	COM Object	New HTML page with product Specifications	N/A	Y	See Schematic section
Installation and Maintenance	Hyperlink	COM Object	New HTML page with product Installation	N/A	Y	See Installation and Maintenance section
Warranty	Hyperlink	COM Object	New HTML page with product Description	N/A	Y	See Warranty section
Specifications	Hyperlink	COM Object	New HTML page with product Specification	N/A	Y	See Specifications section
Samples	Hyperlink	COM Object	New HTML page with product Samples	N/A	Y	See Samples section
CAD	Hyperlink	COM Object	New HTML page	N/A	Y	Phase II - See ABC Smart Object section

**FIG. 33**  
**(Cont'd.)**

**Manufacturer 00001****PRODUCT PROFILE****Hemlock Moldings****Product Description and Uses:**

Our Hemlock Moldings are manufactured exclusively from Pacific Coast Hemlock. Pacific Coast Hemlock is a fine textured, straight-grained softwood, with a uniform color and subtle grain.

The general applications of our moldings are:

ANGLE BEAD MOLDING	Used for covering corner joints
BEVEL CASING MOLDING	Used for trimming around windows and doors
BRICK MOLDING	Exterior use for trimming around windows and doors. It is a thick molding providing a surface for brick or other siding to butt against
BULL NOSE BASEBOARD MOLDING	Used for trimming where base of wall meets floor
BULL NOSE STOP MOLDING	Used as a stop or a guide for windows and doors
BURLAP MOLDING	Used when nailing a fabric to a surface or to cover panel joints
CARPET STRIP MOLDING	Used for trimming along floor line usually where wall to wall carpet is installed
COLONIAL CASE MOLDING	Used for trimming around windows and doors
COMBINATION BASEBOARD MOLDING	Used for trimming where base of wall meets floor
COVE MOLDING	Used as inside corner and for trimming where wall meets ceiling
CROWN MOLDING	Used for trimming where wall meets ceiling
FULL ROUND MOLDING	Used as dowel, drapery rod or closet rod
GOthic BASEBOARD MOLDING	Used for trimming where base of wall meets floor
HALF ROUND MOLDING	Used to cover paneling joints, also as shelf edging
Ogee CASING MOLDING	Used for trimming around windows and doors
PARTING STRIP MOLDING	Used for parting sash on a jamb, self edging or to cover panel joints
QUARTER ROUND MOLDING	Used for trimming on floor line or as inside corner
S4S MOLDING	Square edge utility molding for a variety of uses in finishing and cabinetry
SCREEN MOLDING	Used for nailing screen to doors and windows, shelf edging, and to cover paneling joints
WALL RAIL MOLDING	Installed on wall brackets to provide hand rail on stairways
WATER TABLE MOLDING	Exterior use at bottom of siding or stucco to stop water from continuing to run down wall.

**Materials, Construction, and Finishes:**

Pacific Coast Hemlock is a fine textured, straight-grained, softwood. It is free of pitch and resin, and provides an ideal base for paint and stains without the risk of bleeding through the finished surface. It is very uniform in color. The grain is subtle and presents a smooth, plan effect when painted or natural, but becomes quite distinctive when treated with a semi-transparent stain. The species takes and holds nails very well, and has superior gluing qualities. Pacific Coast Hemlock grows in the coastal forests of British Columbia in sufficient abundance to provide an economical source of raw material for the production of moldings and millwork.

**Performance and Properties:**

Our Hemlock moldings are carefully manufactured in a traditional process that permits the inspection of each piece, and removal of defects. The superior machining of this process provides a smooth finish, with straight, clean edges for finishing with a minimum of preparation. Quality control procedures ensure that our moldings are of the highest quality and do not contain defective or unusable material. The durable nature of the wood helps it withstand heavy service without marring, an important advantage for finish carpentry. This is an ideal product where the rich appearance of real wood is needed to enhance the interior of a quality home.

Print

Close

FIG. 34



Print	Button		Default Printer for current user	N/A	Y	
Close	Button		None	N/A	Y	Close window

FIG. 35

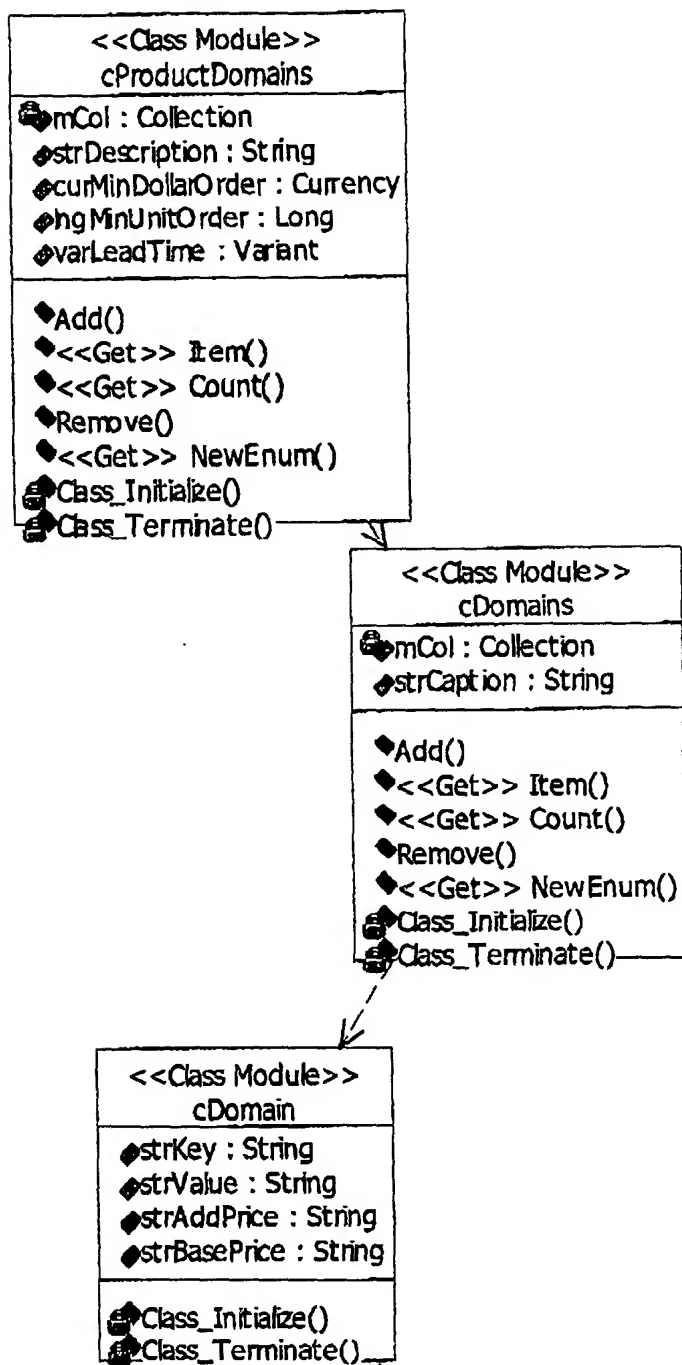


FIG. 36

cProductDomains.Get	Public	None		cDomains	Returns a collection of Domains.
cProductDomains.Count	Public	None		Integer	Returns the number of items in the collection.
cDomains.Get	Public	None		cDomain	Returns a single domain item.
cDomains.Count	Public			Integer	Returns the number of items in the collection.
CDomain.strKey	Public			String	The item key used to concatenated lookup in ProductItemData table.
CDomain.strValue	Public			String	The single domain item to be placed in the list/dropdown box.
CDomain.strAddPrice	Public			String	This option is used to add to the base price.
cDomain.strBasePrice	Public			String	The base price of the item.

FIG. 37

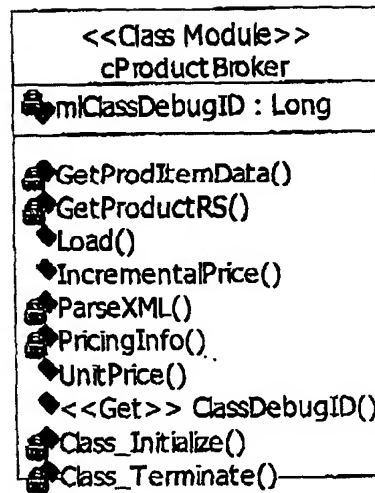
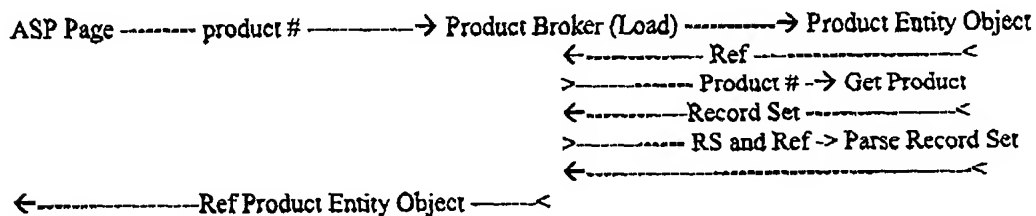
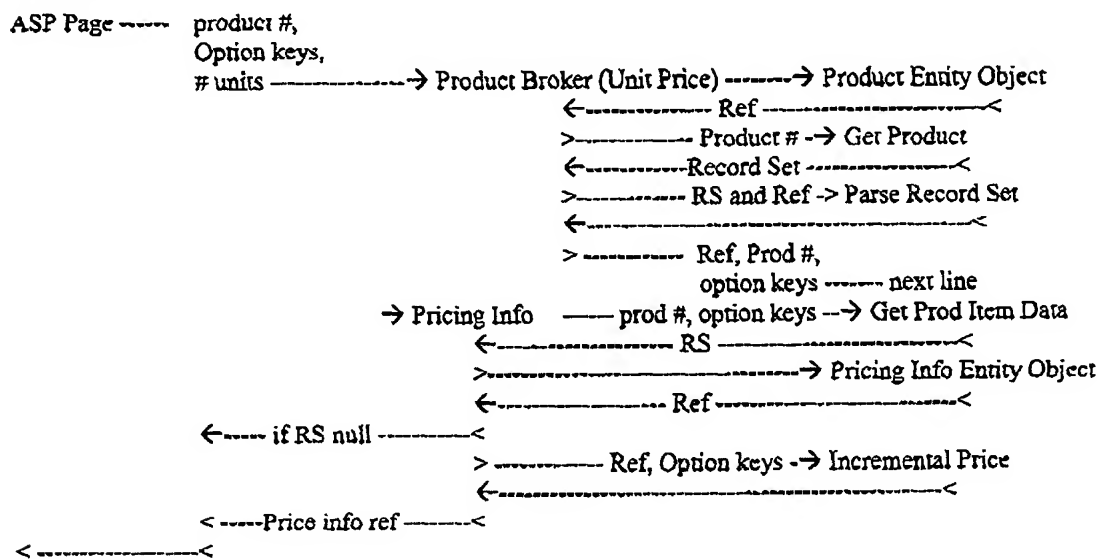


FIG. 38

cProductBroker.Load	Public	Product #	Reference to Product Entity Object	Used to load the Product Entity Object from the database.
cProductBroker.GetProductRS	Private	Product #	Record Set	Will read Products database table by Product #
cProductBroker.ParseXML	Private	Products Record Set	Reference to Product Entity Object	Will parse the XML document into the Product Entity Object.
cProductBroker.UnitPrice	Public	Product #, Option keys, # units	Reference to Price Info. Entity Object.	Will return the unit price and the total price.
cProductBroker.PricingInfo	Private	Ref Product Entity Object, Product #, Option keys, # units	Reference to Price Info. Entity Object.	Will calculate the unit price by adding the incremental prices to the base price or looking-up an over ridding or sale price from the database.
CProductBroker.GetProdItemData	Private	Product #, Option keys	ProductItemData Recordset	Will read ProductItemData table and return a record set.
CProductBroker.IncrementalPrice	Private	Ref Product Entity Object, Option keys	Currency	Will calculate the unit price by adding the incremental prices to the base price

FIG. 39

**UML Diagram Initial Product Display****UML Diagram Unit Price Update****FIG. 40**

cPricingInfoEntityObject
curUnitPrice : Currency
curTotalPrice : Currency

FIG. 41

cPricingInfoEntityObject.curUnitPrice	Public	Currency	Unit Price	Unit price of a product with a particular configuration/option(s).
CPricingInfoEntityObject.curTotalPrice	Public	Currency	Total price	The number of units times the unit price or zero when the number of units is unknown.

FIG. 42

Products	
ProductRowID	
ProductTitle	
ProductDescription	
RevisionDate	
EffectiveDate	
ExpireDate	
ProductXML	
MinOrderUOM	
MinOrderDollar	
MinOrderQuantity	
MinOrderLeadTime	
LinkSpecification	
LinkSchematic	
LinkWarranty	
LinkInstallation	
LinkSafety	
LinkDescription	
LinkPictures	
LinkAutoCad	
LinkReserved1	
LinkReserved2	
LinkReserved3	
LinkReserved4	

ProductItemData	
ProductRowID	
ProductXMLKey	
ProductShipRowID	
ManufacturerModelNumber	
BDModelNumber	
ItemPrice	
DiscountItemPrice	
DiscountStartDate	
DiscountEndDate	
ItemWeight	
ItemsPerShipPkg	

ProductRelatedProducts	
ProductRowID	
RelatedProductRowID	

ProductShipData	
ProductShipRowID	
PkgTypeCode	
PkgLength	
PkgHeight	
PkgWidth	
PkgWeight	
PkgVolume	
PkgsPerLoad	
NMFCCodeTL	
NMFCCodeLTL	
NMFCCodeClass	
IHSCode	

FIG. 43



Products	ProductRowID	Id	Unique product id. Generated on insert
	ProductDescription	varchar	Description of product
	ProductXML	varchar	XML document describing the product options
	MinOrderUOM	Char	The minimum order unit-of-measure. Minimum lot size.
	MinOrderDollar	Money	The minimum dollar value that maybe ordered
	MinOrderQuantity	smallint	The minimum number of units that maybe ordered.
	MinOrderLeadTime	smallint	Lead time for product.
	LinkSpecification	varchar	http link to specifications page.
	LinkSchematic	varchar	http link to schematic page.
	LinkWarranty	varchar	http link to warranty page.
	LinkInstallation	varchar	http link to installation page.
	LinkSamples	varchar	http link to safety page.
	LinkTechnicalData	varchar	http link to technical data page.
	LinkPictures	varchar	http link to pictures page.
	LinkAutoCad	varchar	http link to AutoCad page.
	LinkDescription		
ProductItemData	ProductRowID	Id	Foreign key
	ProductXMLKey	varchar	The concatenated key from each of the product options.
	ProductShipRowID	Id	Foreign key to
	ItemPrice	Money	The over ridding price.
	DiscountItemPrice	Money	Temporary discount price.
	DiscountStartDate	Date	Discount effective period
	DiscountEndDate	Date	Discount effective period
Manufacturer	Manufacturer.Manuf_LOGO	varchar 255	Link to external document containing manufacturers logo in a graphical format (JPG, GIF)
	Manufacturer.Manuf_TagLine	varchar 60	Text of manufacturers tag line
	Manufacturer.Manuf_BDURLLink	varchar255	Link to external document containing manufacturers HTML page built by buildDirect.com

FIG. 44

Text	Field Name	Description
Unit Price	URL as curUnitPrice	
Product Number	URL as strProduct	
Number of Units	Text box as txtNumUnits	
Member Id	URL as	If it doesn't exist create it.
Product Configuration	Drop down list box as cmbProductOption	By cycling through the collection of items

FIG. 45